

**news release**

FOR IMMEDIATE RELEASE

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NATIONAL YEMENI FACILITY SPORTS  
A TEMCOR ALUMINUM DOME

GARDENA, CA November 18, 2002 – The Republic of Yemen, Ministry of Youth and Sports recently held the grand opening of the National Sports Hall, Sana'a, Yemen, a 5,000-seat multi-purpose arena with a 241' (74m) diameter Temcor Aluminum clear-span roof system. Temcor is the world's largest Aluminum Dome builder.

The facility was two decades in the making. "Plans actually began more than 20 years ago when Temcor had sold the project as a 206' geodesic dome," said Bob Dagenais, Temcor's marketing manager, architectural products. "But before the project could get underway, a major earthquake devastated much of the country and the Republic's attention was naturally diverted to rebuilding. Temcor was honored to be asked back to roof the project nearly two decades later."

Professional and collegiate sports including basketball, handball and volleyball are played in the building, and the facility is also used for conventions, concerts and other cultural events.

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The Hall, which was designed by the architects at CANSULT of Toronto, is a circular structure surrounded by an eight-sided, middle-eastern style building. The Temcor Dome has a 43' rise and supports a 130' x 66' (40m x 20m) rectangular catwalk with lighting, speakers and a 75' (23m) access walkway.

Because of the corrosion-resistant qualities of a Temcor Aluminum Dome, the mill finish on its exterior doesn't require paint or other sealants. The interior features a bonded fiberglass insulation that provides excellent thermal protection and sound absorption for good acoustics. The Hall was not equipped with air conditioning, so the natural low emissivity of the aluminum, combined with an external cupola for ventilation will help to keep audiences comfortable.

Every Temcor Aluminum Dome is specifically engineered for the particular needs of geography and facilities, and in this case, special attention was paid to seismic activity resistance. The engineering is not all that adds to the earthquake safety of the dome. Its inherent light weight, when compared to a steel and concrete equivalent means the dome experiences far less movement during seismic events.

A local crew under the direction of a Temcor construction consultant erected the dome in approximately 40 workdays. The dome was erected in place on the circular concrete tension ring.

Temcor has been building aluminum domes and other structures for more than 38 years and has more than 6,000 installations throughout the world in industries as varied as water and

wastewater treatment, petroleum and scientific research. Temcor domes and roof systems for architectural applications are in place as sports arenas, cruise terminals, planetariums, churches, and more.

Temcor is ISO: 9001 Certified and has a state-of-the-art manufacturing facility in Rincon, Georgia, near Savannah.

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Editors: For color photography, e-mail request to [sandy@aldrichpr.com](mailto:sandy@aldrichpr.com)